



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for Mar 28, 2014
Ed Kearns, Acting Chief

			Assessment		Deliver Drafts						Review and Provide Feedback						Deliver Final Versions						Misc		Archive			Release			
	CDR	PI TM	Assemble IPT	Perform Assessment	Deliver source code sample and README draft	Deliver Flow Diagram Draft	Deliver C-ATBD Draft	Deliver Maturity Matrix Draft	Deliver Sample netCDF dataset	Deliver SA Draft	Provide feedback on source code and README	Provide feedback on Flow Diagram Draft	Provide feedback on C-ATBD Draft	Provide feedback on Maturity Matrix Draft	Provide feedback on Sample netCDF dataset	Provide feedback on SA Draft	Deliver final source code and README	Deliver final Flow Diagram	Deliver final C-ATBD	Deliver final Maturity Matrix	Deliver final netCDF dataset	Deliver final SA	Create Collection Level Metatdata	Conduct Security Review	Archive Code Package	Archive Docs	Archive Data	Make data publicly available	Put data, docs, and code on dev web page	Conduct ORR	
1	AMSU-A FCDR (CH7 GPSRO)	Ho Shi	x	x	x	22-Jul	28-Jun	22-Jul	x	4-Sep	x	26-Jul	11-Jul	26-Jul	x	9-Sep	23-Aug	5-Aug	27-Aug	5-Aug	13-Sep	10-Sep	11-Sep	27-Aug	17-Sep	17-Sep	17-Sep	20-Sep	24-Sep	7-Nov	
2	Cloud Properties	Heidinger Knapp	x	x	x	x		11-Jan	x	16-Jan	x	x		14-Jan	x	30-Jan		x		16-Jan	Mar	Mar									Apr 2014
3,4	Vegetation (Sfc Ref, NDVI)	Vermote Matthews	x	17-Jan	22-May	2-Jul	26-Jul	7-May	22-May	6-Nov	29-May	9-Jul	22-Aug	6-Nov	30-Jun	8-Nov		1-Nov	19-Nov	5-Mar	Mar	12-Nov		6-Nov			Apr				Apr 2014
5	MSU TCDR	Zou Semunegus	x	IP 23-Dec	25-Feb	25-Feb	25-Feb	25-Feb	25-Feb	DSRR 2-Apr	4-Mar	4-Mar	4-Mar	4-Mar	4-Mar																May 2014
6	OLR Daily	HT Lee Shreck	x	x	May	6-Jan	Apr	11-Jan	30-Jan			10-Jan		14-Jan				15-Jan		15-Jan											May 2014
7,8,9	Ocean Surface (SST, Sfc Props, Heat Flux)	Clayson Zhang	x	21-Feb	12-Dec			19-Feb	25-Nov	ATRAC	16-Dec				13-Dec																Jun 2014
10	Stratospheric (Ozone)	Rosenlof Young	x	x					30-Oct	ATRAC					6-Jan																Jul 2014
11,12	Cryosphere (APP FCDR) (APP-x TCDR)	Key Young	13-Jun	IP 20-Dec					20-Dec																						Aug 2014
13	AVHRR FCDR (5 CHs, Cloud Properties)	Minnis Young	x	22-Nov		14-Feb	31-Dec	7-Feb	14-Feb	20-Dec		21-Feb	13-Feb	14-Feb	18-Feb						60 TB					60 TB					Aug 2014
14	Vegetation (LAI/FAPAR)	Vermote Matthews	x	17-Jan	24-Jun	2-Jul	26-Jul	7-May		6-Nov	29-May	9-Jul	22-Aug			8-Nov		1-Nov													Sep 2014
15	Cloud/ Moisture Bundle (CTP, TPW)	Menzel Young	x	31-Jan	1-Oct	5-Aug	15-May	5-Aug	21-Oct	ATRAC 10 yr	29-Oct	29-Oct	29-Oct 10-Jan								NCDC creating										Sep 2014
16	CMORPH	Xie Prat	x																												Oct 2014
17	Solar Irradiance (Observational)	Pilewskie Inamdar	x	6-Mar	22-Jan																										Nov 2014
18	Solar Irradiance (Composite)	Lean Inamdar	x	6-Mar	22-Jan																										Nov 2014
19	ISCCP	Rossow Knapp	x	17-Jan																											Dec 2014
20	IIRT Sea Ice Concentration	Fetterer Peng	x	PI says NO deliverables																											Dec 2014
21	MSU Ch3, Ch4, Trop Hgt	Ho Shi	x	On Hold																											Dec 2014



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SCHEDULE OF DELIVERABLES - CDRP 2013 O&M Contracts and Grants

CDR	Imp Pln	QA Proc	Up-to-date with Data deliveries	QA Results	IP Lic.	CDRP action required?
UAH MSU			not public			
Pathfinder SST			data thru 2012/not monthly			CH - continue monitoring CR/ continue reviewing Implementation Plan
PATMOS-x			Currently undergoing CR			CH - continue monitoring CR ***Data delivery by end of March***
AMSU-A ch7						
AMSU-A ch9						
GridSat B1	N/A	N/A	Currently undergoing CR	N/A	N/A	CH - continue monitoring CR PI - need Maturity Matrix and C-ATBD submitted
CSU SSMI(S)						
Monthly OLR			was not funded FY12 for O&M	not in WA		CH - continue monitoring CR ***Data delivery by early April, pending DSRRB approval***
RSS MSU				not in WA		* Complete re-processing * Stage data for archiving
Sea Ice Conc.						* Work with Heather and others on SA
Snow Cover Extent (NH)						* Writing codes to rename and tar/compress data according to SA specification * generate test files for the data ingestion process
HIRS Ch12	N/A	N/A	Currently undergoing CR	N/A	N/A	CH - continue monitoring CR
PERSIANN						CH - track CR form completion
RSS SSMI(S)				not in WA		"PERSIANN is affected as they are trying to submit the revision but we have to "wait" for Candace and/or Dan to do all of the paper work so that it can be submitted. As far as Soroosh's group goes they are ready to submit the new data."
AOT	N/A	N/A	Currently undergoing CR	N/A	N/A	CH - continue monitoring CR ***Data delivery by early April***
AMSU Chs 4-14						

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VIIRS

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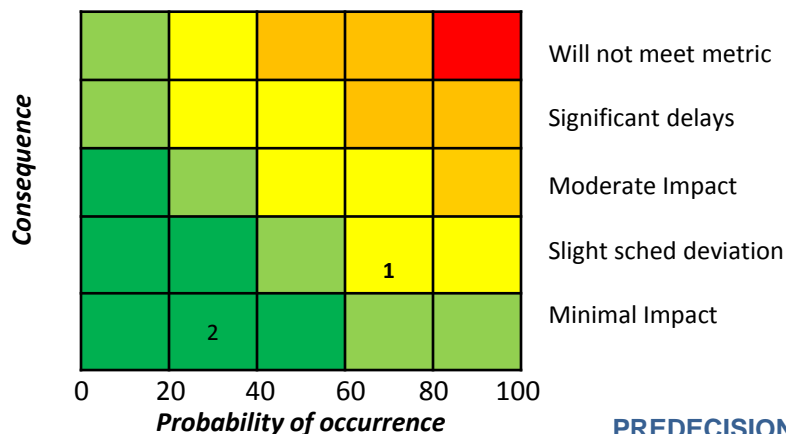
- Completed code for C-RDR.

②

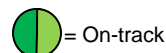
System Infrastructure

- Integrating with the VIIRS C-RDR.
- Designing database schema for C-RDR (product) monitoring.
- Analyze C-RDR monitoring capabilities and create schedule.
- Defining a template for Operational Interface Specification.
- Working to generate a current supporting data file.
- VIIRS C-RDRs are operational and accessible via HAS.
- Collection level metadata available on Climate.gov and DOI.org.
- Completed build of C-RDR on the TEST container.
- Evaluating JPSS support data Change Requests and their effects.
- C-RDR is first product moving to three tier environment .
- Initial verification of SDR from C-RDR compared successfully.
- VIIRS Product Specification is ITAR approved.
- C-RDR access via HAS (two years of tapes for HDSS).
- Integrating: Ingest data from CLASS and producing C-RDRs.
- Will deliver initial version with ADL 3.1.

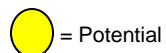
Risk Matrix



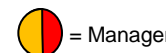
PREDECISIONAL DRAFT INFORMATION



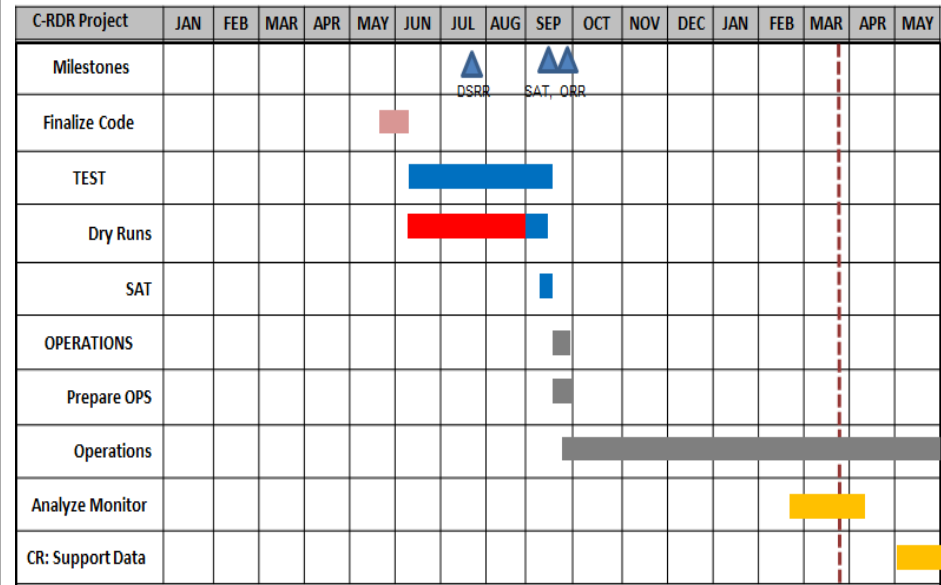
= On-track



= Potential management action required



= Management attention required



R2O PHASE:

ANALYSIS

DESIGN

DEVELOPMENT

INTEGRATION

TEST

OPERATIONAL

Risk and Mitigation

VIIRS –

- Operational software is under maintenance, updated versions may affect C-RDR ported version. Will affect Supporting Data Files but should not affect C-RDR.

System Infrastructure –

- Reliability of NPP RDRs from CLASS via subscription. Need to develop an automated mechanism for re-requesting data.

CDR Program Office

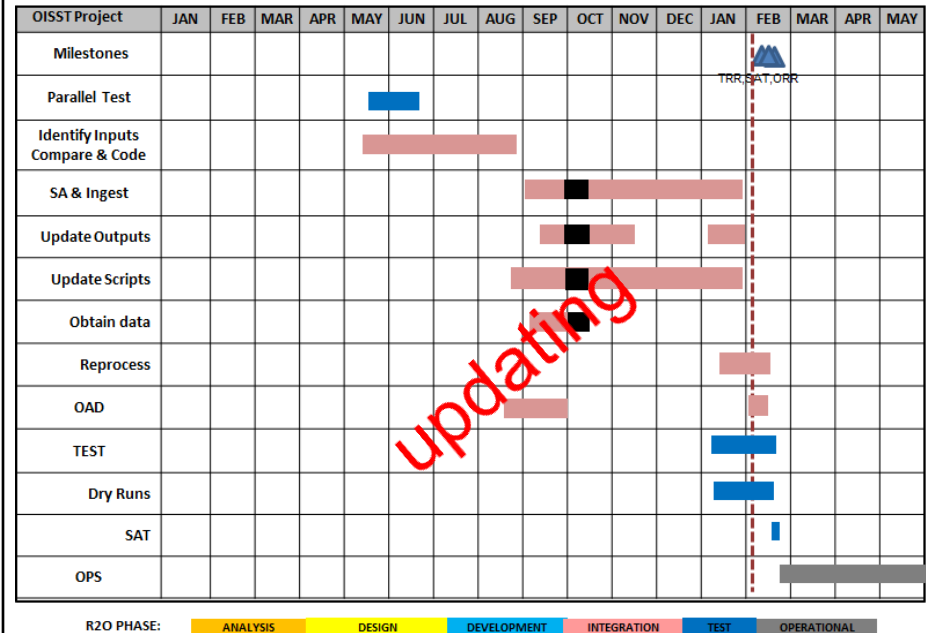
OISST Research to Operations Project

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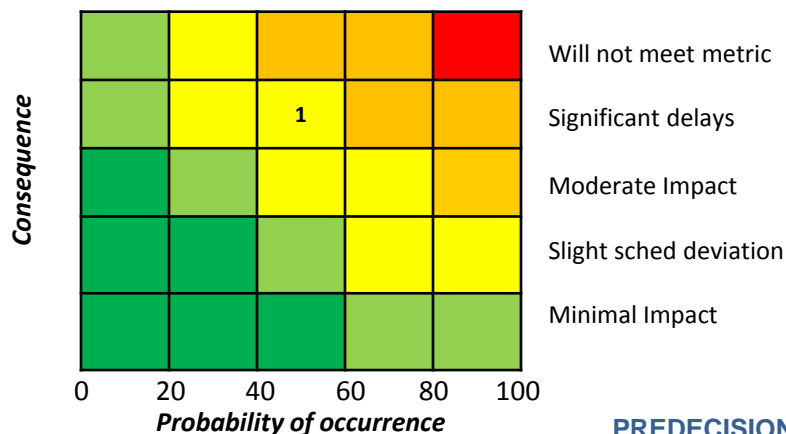
1 OISST – Optimum Interpolated Sea Surface Temperature

- Testing the forward processing and reprocessing scripts.
- Defined consistent directory structure .
- Updating output format to GHRSS2 2.
- Updating schedule for script delay and SLA dependencies.
- Successfully completed 30 day parallel test.
- Comparing NCDC GTS with NCEP ship/buoy data for use. GCAD is resolving issues but requires new operational code.
- AVHRR data for the 15 day delay product is available from CLASS.
- Running test data and code on Rainband for parallel test.
- GSTWG discussing inputs and production of preliminary OISST.
- Created a SOP for operational OISST.
- Completed refactoring of each component.
- Conducted Technology Assessment Review July 25.

Operations:



Risk Matrix

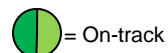


Risk and Mitigation

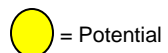
1 Time to progress through the three tier environment. ITB support is required.

PREDECISIONAL DRAFT INFORMATION

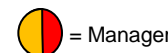
4/2/2014



= On-track



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